v/r also to 6C4

6AB4

6AB4

HIGH-MU TRIODE

MINIATURE TYPE PARTICULARLY SUITABLE FOR CATHODE-DRIVE CIRCUITS

GENERAL DATA

Electrical:

Heater, for Unipotential Cathode:

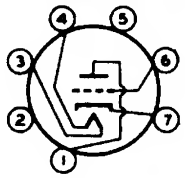
Voltage	6.3	ac or dc volts
Current	0.15	amp

Direct Interelectrode Capacitances:	*Without External Shield*	*With External Shield No. 316 Tied to Cathode*	
Grid to Plate	1.5	1.5	μμf
Grid to Heater and Cathode.	2.2	2.2	μμf
Plate to Heater and Cathode.	0.5	1.4	μμf
Heater to Cathode	2.9	2.9	μμf
Plate to Cathode.	0.24	0.2	μμf
Cathode to Heater and Grid.	5.0	5.2	μμf
Plate to Heater and Grid.	1.7	2.6	μμf

Mechanical:

Mounting Position	Any
Maximum Overall Length	2-1/8"
Maximum Seated Length	1-7/8"
Length, Base Seat to Bulb Top (Excluding tip)	1-1/2" ± 3/32"
Maximum Diameter	3/4"
Bulb	T-5-1/2
Base	Small-Button Miniature 7-Pin (JETEC No.E7-1)
Basing Designation for BOTTOM VIEW	5CE

Pin 1 - Plate
Pin 2 - Internal Shield
Pin 3 - Heater
Pin 4 - Heater
Pin 5 - No Connection
Pin 6 - Grid
Pin 7 - Cathode



AMPLIFIER - Class A_1

Maximum Ratings, *Design-Center Values:*

PLATE VOLTAGE	300 max.	volts
GRID VOLTAGE:		
Negative bias value	50 max.	volts
Positive bias value	0 max.	volts
PLATE DISSIPATION	2.5 max.	watts
PEAK HEATER-CATHODE VOLTAGE:		
Heater negative with respect to cathode	90 max.	volts
Heater positive with respect to cathode	90 max.	volts

Characteristics:

Plate Voltage	100	250	volts
Cathode-bias Resistor	270	200	ohms
Internal Shield	Connected to ground		
Amplification Factor	60	60	

←Indicates a change

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RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

6AB4

6AB4

HIGH-MU TRIODE

Plate Resistance (Approx.). .	15000	10900	ohms
Transconductance.	4000	5500	μmhos
Grid Bias (Approx.) for plate current of 10 μamp. .	-5	-12	volts
Plate Current	3.7	10	ma

CURVES
for the 6AB4 are the same
as those for each unit of Type 12AT7

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